

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Barron, Alex[Barron.Alex@epa.gov]
Cc: Moore, Chris[Moore.Chris@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
From: Thundiyil, Karen
Sent: Fri 5/29/2015 8:08:19 PM
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Hello,

I asked OAR to draft a couple of paragraphs on the monetized benefits. They'll share something next week:

From: Marsh, Karen
Sent: Friday, May 29, 2015 3:57 PM
To: Thundiyil, Karen
Subject: RE: Additional landfills information

Karen,

Kate Shouse (OAP) is working on drafting a couple of paragraphs related to benefits (social cost) that can be added to the supplemental proposal. Hopefully, these paragraphs will meet the requirements on your end and we can leave it at that and point to the RIA. I'll forward those paragraphs once they are available (early next week).

Thanks,

Karen

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Kopits, Elizabeth
Sent: Thursday, May 28, 2015 2:43 PM
To: Thundiyil, Karen; Barron, Alex
Cc: Moore, Chris; Marten, Alex
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Hi Alex et al.,

Have you had a chance to touch base with OAR about the missing benefits section in the Landfills NSPS? If so, are they taking the first stab at adding it, or should we? I have made edits to the benefits discussion in the Landfills EG preamble (attached here – see pp. 206-223).

Per our discussion yesterday, my edits update the text to mention RTC/NAS/TSD, and flag all numbers that still need to be updated to reflect the SCC correction. (Kate, and Alex M and I have developed a lot of this together so the language is consistent with what is being circulated on 111d and drafting of O&G.)

I think they could pretty much lift the entire section from the EG Preamble straight into the NSPS too. The only issue is that the benefits discussion in the EG preamble is quite long (~17 pages), whereas the entirety of the NSPS is currently 30 pages. Is this a problem? I will hold off on doing anything else till I hear from you.

Also, I have not had a chance to review the advance copy of the combined NSPS/EG RIA – will get to that on Monday.

Hope this helps for now.

Thanks!

Elizabeth

From: Thundiyil, Karen
Sent: Wednesday, May 27, 2015 2:52 PM
To: Kopits, Elizabeth
Cc: Moore, Chris; Marten, Alex
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

There's a benefits section (~p16), there are just no monetized benefits, as far as I see. Barron will touch base with OAR about it.

My question about the cost effectiveness numbers is not why they are the same in the table. I'm trying to understand how the values became very similar. I don't think this was the case at the first proposal. I wasn't a part of the WG then.

From: Kopits, Elizabeth
Sent: Wednesday, May 27, 2015 2:44 PM
To: Thundiyil, Karen
Cc: Moore, Chris; Marten, Alex
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Thanks, Karen.

I just skimmed through the FRN and see that it is still missing a benefits discussion. I will check in with Alex B to see if OAR will take the first stab at adding it, or if I should suggest specific text (based on the discussion and numbers in the RIA).

As for the cost effectiveness numbers, in response to our earlier question on this, OAR responded that the numbers just look the same because of rounding.

Thanks,

Elizabeth

From: Thundiyil, Karen
Sent: Wednesday, May 27, 2015 2:26 PM
To: Kopits, Elizabeth
Cc: Moore, Chris; Marten, Alex
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Here's the revised FRN – Federal Register Notice.

Barron told me he's going to touch base with OAR about monetized benefits for this package.

Separately, do you understand how the cost effectiveness numbers for a threshold at 34 and a threshold at 40 became very similar?

Karen.

From: Kopits, Elizabeth
Sent: Wednesday, May 27, 2015 10:07 AM
To: Thundiyil, Karen
Cc: Moore, Chris; Marten, Alex
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Oops- sorry, I just realized that the docs Karen M sent last Friday were all for the EG. Can you send me the latest NSPS preamble, so I can take a look?

Thanks,
Elizabeth

From: Kopits, Elizabeth
Sent: Wednesday, May 27, 2015 10:05 AM
To: Thundiyil, Karen
Cc: Moore, Chris; Marten, Alex
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Hi Karen,

FRN? Do you mean the supplemental proposal for the NSPS? Is it the same as the advance copy we got from Karen Marsh on Friday (11:27am email), or have they now incorporated all of Janet's comments?

Do you have the EG preamble and the combined NSPS/EG RIA yet?

Thanks,
Elizabeth

From: Thundiyil, Karen
Sent: Tuesday, May 26, 2015 3:26 PM
To: Kopits, Elizabeth
Cc: Moore, Chris; Marten, Alex
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Hi Elizabeth,

The latest FRN from OAR is here. Have you heard back from Alex B on this issue?

I'll start the package review and will use the econ writeup that Chris provided.

Let me know – thanks!

Karen.

From: Kopits, Elizabeth
Sent: Thursday, May 21, 2015 11:44 AM
To: Thundiyil, Karen
Cc: Moore, Chris; Marten, Alex
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Thanks, Karen. Alex B did not respond to that email, but he is aware of the issue and we are working on some language on climate benefits that will likely need to be added to several regs in the pipeline, including this one. So he is well aware that some edits will be needed before anything goes to OMB.

From: Thundiyil, Karen
Sent: Thursday, May 21, 2015 8:51 AM
To: Kopits, Elizabeth
Cc: Moore, Chris; Marten, Alex
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

I think your idea of making the comment, and providing language, when the package gets to OP

for review is a good path forward. Then, we can make sure the OP IO is aware.

Did Barron respond to your cc:? I gave my management a heads up, but I haven't heard anything. Then again, I was out yesterday.

Karen.

From: Kopits, Elizabeth
Sent: Wednesday, May 20, 2015 2:50 PM
To: Thundiyil, Karen
Cc: Moore, Chris; Marten, Alex
Subject: FW: Landfills NSPS Supplemental Proposal OMB Package

Hi Karen,

I'm not sure who the David is she refers to below, but I still think their suggested summary below is insufficient. It needs to include a summary of the monetized benefits, and likely even a discussion of the newly adopted approach to monetizing the methane impacts. I'm not sure if it is worth going back to them about this now, or just waiting to make this comment – along with suggesting specific language – when the package officially gets to OP for review.

Happy to discuss further on Thursday if that is helpful.

Thanks,

Elizabeth

From: Marsh, Karen
Sent: Wednesday, May 20, 2015 1:02 PM
To: Thundiyil, Karen

Cc: Ward, Hillary; Moore, Chris; Kopits, Elizabeth
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Karen,

After the discussion with David yesterday, we've added the following language to the NSPS supplemental proposal to address benefits. The bolded text reflects the changes. This is in line with the level of detail provided in the NSPS proposal in July 2014. Since this is a supplemental to that proposal we do not need to go into additional detail. This language is in the paragraph directly before Table 1.

The incremental emission reductions for an NMOC emission rate of 40 Mg/yr would be 300 Mg/yr NMOC and 44,400 Mg/yr methane (1.1 million metric tons of carbon dioxide equivalent (mtCO₂e)) beyond the baseline NMOC emission rate of 50 Mg/yr. The incremental emission reductions for an NMOC emission rate of 34 Mg/yr NMOC would be 300 Mg/yr NMOC and 51,400 Mg/yr methane (1.3 million mtCO₂e) beyond the baseline NMOC emission rate of 50 Mg/yr. These incremental emission reductions represent a 2.4- and 2.8-percent reduction in emissions beyond the baseline. The cost effectiveness between an NMOC emission rate of 34 Mg/yr and 40 Mg/yr is comparable, **but by lowering the NMOC emissions threshold to 34 Mg/yr, this supplemental proposal achieves additional reductions of 50 Mg/yr NMOC and 7,000 Mg/yr methane (175,000 mt/yr CO₂e) in 2025. These pollutants are associated with substantial health, welfare, and climate effects.**

Please let me know if you have any further comments related to the benefits discussion.

Thanks,

Karen

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Thundiyil, Karen

Sent: Tuesday, May 19, 2015 1:30 PM

To: Marsh, Karen

Cc: Ward, Hillary; Moore, Chris; Kopits, Elizabeth

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Hi Karen,

Thanks a lot for responding to the comments/questions. I don't have any immediate questions.

If OAR IO has changes, would you please let us know?

FYI, I'm going to be out all of tomorrow/Wednesday, but back for the rest of the week. Assuming I get notice about any changes, I'll turn the package around to my management for OMB transmittal in short order. Are you around on Thursday/Friday if questions come up?

Karen.

From: Marsh, Karen

Sent: Tuesday, May 19, 2015 1:04 PM

To: Thundiyil, Karen

Cc: Ward, Hillary; Moore, Chris; Kopits, Elizabeth

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Karen,

Attached are our responses to the comments OP provided in advance of receiving the official version from OAR. Where appropriate, these changes have already been made in the version you should receive from OAR directly. Please note there is additional text related to the rationale for the lower threshold and the ICR burden estimates have changed since the advanced version you received. Please let me know if you would like to discuss any of our responses.

Thanks,
Karen

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Thundiyil, Karen

Sent: Monday, May 18, 2015 11:53 AM

To: Marsh, Karen

Cc: Ward, Hillary; Moore, Chris; Kopits, Elizabeth

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Thanks for sharing, Karen. I had some minor comments. See the attachment. What kind of comments did you get from OAR IO?

What's the timing for the EG package? When do you think you will send the NSPS package for OMB transmittal?

Talk to you later,

Karen.

From: Marsh, Karen
Sent: Thursday, May 14, 2015 12:52 PM
To: Thundiyil, Karen; Moore, Chris; Kopits, Elizabeth
Cc: Ward, Hillary
Subject: FW: Landfills NSPS Supplemental Proposal OMB Package

Karen, Chris, and Elizabeth,

Attached is an advanced copy of the NSPS Supplemental Proposal for Landfills as submitted for OAR today. Please let me know if you have any questions.

Thanks,

Karen

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

Cc: McGartland, Al[McGartland.Al@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
To: Kime, Robin[Kime.Robin@epa.gov]
From: Barron, Alex
Sent: Wed 3/11/2015 7:11:58 PM
Subject: Fwd: NRC Board Comments

Robin - Can you pls see if you can find 30 min for this and invite oar(Paul gunning)

A

Sent from my iPhone

Begin forwarded message:

From: "Marten, Alex" <Marten.Alex@epa.gov>
Date: March 11, 2015 at 2:56:15 PM EDT
To: "Beauvais, Joel" <Beauvais.Joel@epa.gov>, "McGartland, Al" <McGartland.Al@epa.gov>, "Barron, Alex" <Barron.Alex@epa.gov>, "Kopits, Elizabeth" <Kopits.Elizabeth@epa.gov>
Cc: "Kime, Robin" <Kime.Robin@epa.gov>
Subject: RE: NRC Board Comments

Sure. Maybe we could find 30 min tomorrow afternoon or Friday morning?

Ex 5

Ex 5

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Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Beauvais, Joel
Sent: Wednesday, March 11, 2015 12:34 PM
To: McGartland, Al; Barron, Alex; Kopits, Elizabeth
Cc: Marten, Alex; Kime, Robin
Subject: RE: NRC Board Comments

Thanks. Can I get a read-out in the next day or so on where we are on this, and more generally on where we are and next steps on getting RTC completed and getting this off the ground?

Joel

From: McGartland, Al
Sent: Wednesday, March 11, 2015 11:17 AM
To: Beauvais, Joel; Barron, Alex; Kopits, Elizabeth
Cc: Marten, Alex
Subject: Fwd: NRC Board Comments

Fyi.

Sent from my iPhone

Begin forwarded message:

From: "Linn, Joshua" <[REDACTED] EOP email/phone >
Date: March 11, 2015 at 11:13:45 AM EDT
To: "Laity, Jim" <[REDACTED] EOP email/phone >, "Mancini, Dominic J." <[REDACTED] EOP email/phone >, "Barron, Alex" <Barron.Alex@epa.gov>, "Fawcett.allen@epa.gov" <Fawcett.allen@epa.gov>, "Marten, Alex" <Marten.Alex@epa.gov>, "McGartland, Al" <McGartland.Al@epa.gov>, "Shouse, Kate" <Shouse.Kate@epa.gov>, "Hodson, Elke (FELLOW)" <Elke.Hodson@Hq.Doe.Gov>
Subject: NRC Board Comments

Ex 5

Ex 5

Josh

Ex 5

Ex 5

To: Marten, Alex[Marten.Alex@epa.gov]; McGartland, Al[McGartland.Al@epa.gov]
Cc: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]
From: Barron, Alex
Sent: Wed 3/11/2015 3:30:33 PM
Subject: RE: NRC Board Comments

I can be flexible anytime after noon on Friday.

From: Marten, Alex
Sent: Wednesday, March 11, 2015 11:28 AM
To: McGartland, Al; Barron, Alex
Cc: Kopits, Elizabeth
Subject: RE: NRC Board Comments

Al/Alex,

It looks like we might be free Friday afternoon for the call Josh mentions, and that would likely be easier to schedule than Monday.

Alex your schedule looks free, but Al it looks like you have a listen session follow up at 3 with Reeder, is that a requirement for you?

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: McGartland, Al
Sent: Wednesday, March 11, 2015 11:17 AM
To: Beauvais, Joel; Barron, Alex; Kopits, Elizabeth
Cc: Marten, Alex
Subject: Fwd: NRC Board Comments

Fyi.

Sent from my iPhone

Begin forwarded message:

From: "Linn, Joshua" <[REDACTED] EOP email/phone >
Date: March 11, 2015 at 11:13:45 AM EDT
To: "Laity, Jim" <[REDACTED] EOP email/phone >, "Mancini, Dominic J." <[REDACTED] EOP email/phone >, "Duke, Rick" <[REDACTED] EOP email/phone >, "Barron, Alex" <Barron.Alex@epa.gov>, "Fawcett, Allen" <Fawcett.allen@epa.gov>, "Marten, Alex" <Marten.Alex@epa.gov>, "McGartland, Al" <McGartland.Al@epa.gov>, "Shouse, Kate" <Shouse.Kate@epa.gov>, "Hodson, Elke (FELLOW)" <Elke.Hodson@Hq.Doe.Gov>
Subject: NRC Board Comments

Ex 5

Josh

Ex 5

Ex 5

From: Shouse, Kate
Location: [Conference code] code [Conference code]
Importance: Normal
Subject: social cost of methane briefing
Start Date/Time: Tue 7/14/2015 7:00:00 PM
End Date/Time: Tue 7/14/2015 8:00:00 PM
[social cost of methane \(OAQPS briefing\) \(07 14 15\).pptx](#)

UPDATE: Slides for this afternoon's briefing now attached. The slide deck includes the material presented to OMB on SC-CH4 as well as background and SC-CO2 status updates. Please treat these as talking points for this afternoon and do not distribute; they have not yet gone through review and Q/A. Thanks.

Briefing to give an overview about the social cost of methane estimates used in the landfills and oil&gas proposals. Will discuss what the estimates are, how they were developed and reviewed, how they are being used in the proposals, how they relate to the social cost of CO2, and anticipated next steps.

It's difficult to find a time that works for all so please let me know if you'd like more info but cannot make it. I will circulate slides before the call.

Thanks!

From: Linn, Joshua

Location: Call in:

Conference code

Importance: Normal

Subject: Accepted: check-in call on SCC

Start Date/Time: Mon 5/11/2015 5:45:00 PM

End Date/Time: Mon 5/11/2015 6:00:00 PM

.

From: Linn, Joshua

Location: **Conference code**

Importance: Normal

Subject: Accepted: check-in call on SCC

Start Date/Time: Mon 5/11/2015 5:30:00 PM

End Date/Time: Mon 5/11/2015 6:00:00 PM

.

From: Hodson, Elke

Location:

Conference code

Importance: Normal

Subject: Accepted: check-in call on SCC

Start Date/Time: Mon 5/11/2015 5:30:00 PM

End Date/Time: Mon 5/11/2015 6:00:00 PM

.

From: Linn, Joshua

Location: **Conference code**

Importance: Normal

Subject: Accepted: SCC - Call to discuss final comments on NAS charge

Start Date/Time: Thur 5/14/2015 6:00:00 PM

End Date/Time: Thur 5/14/2015 7:00:00 PM

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To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]
From: Laity, Jim
Sent: Wed 5/6/2015 7:56:23 PM
Subject: Accepted: FW: check-in call on SCC
winmail.dat

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]
From: Laity, Jim
Sent: Wed 5/6/2015 7:55:39 PM
Subject: Accepted: FW: check-in call on SCC
winmail.dat

From: Linn, Joshua
Importance: Normal
Subject: Accepted: check-in call on SCC
Start Date/Time: Mon 5/11/2015 5:30:00 PM
End Date/Time: Mon 5/11/2015 6:00:00 PM

;

From: Poole, Jacqueline
Location: Bradford Conference Room (EEOB 360)
Importance: Normal
Subject: FW: SCC Check In Meeting
Start Date/Time: Fri 1/16/2015 5:00:00 PM
End Date/Time: Fri 1/16/2015 6:00:00 PM
[WAVES Excel Template.xls](#)

-----Original Appointment-----

From: Goldstein, Jeff [[mailto:](#) **EOP email/phone**]
Sent: Wednesday, January 07, 2015 11:47 AM
To: Goldstein, Jeff; Rodihan, Katie; Obstfeld, Maurice; Linn, Joshua; Kawahata, Molly; Hansel, Peter; Jones, Lisa M.; Young, Carl; Poole, Jacqueline; Kime, Robin; Kopits, Elizabeth
Subject: SCC Check In Meeting
When: Friday, January 16, 2015 12:00 PM-1:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Bradford Conference Room (EEOB 360)

Hi all,

CEA is convening an SCC check in meeting to discuss the same general NAS items as last time. If you are coming from outside the building please make sure you send me your WAVES information in the attached spreadsheet. Thanks!

Jeff

Manifest:

Obstfeld
Linn
Duke
Utech
Shelanski
Mancini
Laity
Beauvais
Kopits
Barron
McGartland
Marten

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]
From: Ward, Hillary
Sent: Tue 6/30/2015 5:26:46 PM
Subject: RE: Landfills OMB Brief: July 7

Thanks! If I miss the "OAQPS" tutorial (requested by David Cozzie), I'll probably reach out to you.

Hillary Ward

US EPA, Sector Policies and Programs Division

Fuels and Incineration Group

(919)541-3154

From: Kopits, Elizabeth
Sent: Tuesday, June 30, 2015 12:40 PM
To: Ward, Hillary; Vetter, Rick; Ganguli, Swarupa; Fulcher, Charles; Marsh, Karen; Thundiyil, Karen
Cc: Shouse, Kate; Cozzie, David; Macpherson, Alex; Weatherhead, Darryl; Marten, Alex; Moore, Chris
Subject: RE: Landfills OMB Brief: July 7

Sounds great, Hillary. I will be in the office (except this Thursday and Friday) and will be happy to help on any slides.

Incidentally, I'm sorry I did not mention this earlier, but Amanda Thomas asked Alex Marten in my office last week to help bring her up to speed on the Marten et al. study (that forms the basis of the CH₄ benefits methodology used in both Landfills and Oil and Gas). So Alex and few others from the OP-OAP SCC team walked her and other OIRA staff through the paper yesterday. Alex Mac. was also on the call. The conversation was not rule specific at all, but they felt it would be beneficial to have before Wednesday's interagency briefing on the Oil and Gas RIA. Given that it went very smoothly with just some technical questions on their part, I expect the SC-CH₄ slides in your deck won't have to get into the guts of the methodology too much.

Please feel free to call me if you'd like to discuss.

Thanks,

Elizabeth

From: Ward, Hillary

Sent: Tuesday, June 30, 2015 11:36 AM

To: Vetter, Rick; Ganguli, Swarupa; Fulcher, Charles; Marsh, Karen; Thundiyil, Karen

Cc: Kopits, Elizabeth; Shouse, Kate; Cozzie, David

Subject: Landfills OMB Brief: July 7

Importance: High

Hi everyone,

The next landfill briefing for OMB/Interagency Review may be **July 7**. I will be out of the office starting tomorrow. Karen M. will be working on the slides and may reach out to you for help.

We will definitely need to include SC-CH4 slides.

Current plan is for the briefing to cover both NSPS and Emission Guidelines.

General outline of briefing:

Non-Responsive

Cost/Benefits

SC-CH4

Non-Responsive

Requests for Comment

Additional clarifications

NSPS

Non-Responsive

SC-CH4

Enjoy the holiday and thanks to those of you that attended this morning's SBAR Panel Report call. Please send Karen and I a note if you will be out next week (or later this week).

Hillary Ward

US EPA, Sector Policies and Programs Division

Fuels and Incineration Group

(919)541-3154

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Ward, Hillary[Ward.Hillary@epa.gov]; Ganguli, Swarupa[Ganguli.Swarupa@epa.gov]; Fulcher, Charles[Fulcher.Charles@epa.gov]; Marsh, Karen[Marsh.Karen@epa.gov]
Cc: Macpherson, Alex[Macpherson.Alex@epa.gov]
From: Shouse, Kate
Sent: Tue 6/30/2015 5:02:02 PM
Subject: RE: Landfills OMB Brief: July 7

Thanks, Hillary, happy to help with slides. I am going to be out on Thursday and Friday, returning on Monday.

From: Kopits, Elizabeth
Sent: Tuesday, June 30, 2015 12:40 PM
To: Ward, Hillary; Vetter, Rick; Ganguli, Swarupa; Fulcher, Charles; Marsh, Karen; Thundiyil, Karen
Cc: Shouse, Kate; Cozzie, David; Macpherson, Alex; Weatherhead, Darryl; Marten, Alex; Moore, Chris
Subject: RE: Landfills OMB Brief: July 7

Sounds great, Hillary. I will be in the office (except this Thursday and Friday) and will be happy to help on any slides.

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Please feel free to call me if you'd like to discuss.

Thanks,

Elizabeth

From: Ward, Hillary
Sent: Tuesday, June 30, 2015 11:36 AM
To: Vetter, Rick; Ganguli, Swarupa; Fulcher, Charles; Marsh, Karen; Thundiyil, Karen
Cc: Kopits, Elizabeth; Shouse, Kate; Cozzie, David
Subject: Landfills OMB Brief: July 7
Importance: High

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Requests for Comment

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NSPS

Non-Responsive

SC-CH4

Enjoy the holiday and thanks to those of you that attended this morning's SBAR Panel Report call. Please send Karen and I a note if you will be out next week (or later this week).

Hillary Ward

US EPA, Sector Policies and Programs Division

Fuels and Incineration Group

(919)541-3154

To: Shouse, Kate[Shouse.Kate@epa.gov]; Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Marsh, Karen[Marsh.Karen@epa.gov]; Thundiyil, Karen[Thundiyil.Karen@epa.gov]
Cc: Fulcher, Charles[Fulcher.Charles@epa.gov]; Moore, Chris[Moore.Chris@epa.gov]
From: Ward, Hillary
Sent: Tue 6/9/2015 1:15:01 PM
Subject: RE: suggestions for shortening benefits language for Landfills EG

Thanks!

Hillary Ward

US EPA, Sector Policies and Programs Division

Fuels and Incineration Group

(919)541-3154

From: Shouse, Kate
Sent: Tuesday, June 09, 2015 8:58 AM
To: Ward, Hillary; Kopits, Elizabeth; Marsh, Karen; Thundiyil, Karen
Cc: Fulcher, Charles; Moore, Chris
Subject: RE: suggestions for shortening benefits language for Landfills EG

Thanks, and yes. Charlie did all the work yesterday and I just want to check a few things this morning. Will send back in the next hour.

From: Ward, Hillary
Sent: Tuesday, June 09, 2015 8:50 AM
To: Kopits, Elizabeth; Marsh, Karen; Thundiyil, Karen
Cc: Fulcher, Charles; Shouse, Kate; Moore, Chris
Subject: RE: suggestions for shortening benefits language for Landfills EG

Haven't heard anything from our management yet. But I'm sure we'll hear something today.

For the purposes of version control:

Charlie/Kate: Can you confirm that you're working on the changes to NSPS,EG,RIA? Can you give us an estimate of when you expect to turn this around?

When you send the updated files, **please change the date at the end of the file name**. We're finishing up the other OP comments (including some that have to go through OECA management).

Thanks,

Hillary Ward

US EPA, Sector Policies and Programs Division

Fuels and Incineration Group

(919)541-3154

From: Kopits, Elizabeth

Sent: Tuesday, June 09, 2015 8:23 AM

To: Marsh, Karen; Thundiyil, Karen

Cc: Ward, Hillary; Fulcher, Charles; Shouse, Kate; Barron, Alex; McGartland, Al; Moore, Chris; Marten, Alex

Subject: suggestions for shortening benefits language for Landfills EG

Hi Karen,

Not sure if you have already received this through other channels (I think Alex B. was trying to reach Peter T. yesterday), but we had a chance to discuss the status of the landfills benefits language with Joel and he had two suggestions:

1) We should try to update all numbers and text in both packages to reflect the SCC correction. This includes the text edits we have already sent along, and Kate is working with

Charlie on updating all the numbers in the NSPS supplemental, EG preamble, and RIA.

2) It might be best to shorten the benefits discussion in the EG preamble too. Attached is a suggested revision that cuts it down to about 9 pages. This version reflects edits from Kate as well.

Hope this helps. Please feel free to call me with any questions etc.

Thanks!

Elizabeth

Elizabeth Kopits, Ph.D.

National Center for Environmental Economics

Office of Policy, US EPA

1200 Pennsylvania Ave, NW, MC 1809T

Washington, DC 20460

(202) 566-2299

From: Marsh, Karen

Sent: Thursday, June 04, 2015 3:01 PM

To: Thundiyil, Karen

Cc: Ward, Hillary; Fulcher, Charles; Shouse, Kate; Kopits, Elizabeth

Subject: Updated benefits language for Landfills NSPS

Karen,

Attached is the updated version of the benefits language for the Landfills NSPS. This language will go immediately following Table 1 in the preamble. This is more in line with the amount of detail needed for the preamble. Please review this language and let me know if you have any additional comments or edits. Once we receive those edits we can finalize the package and have it sent back through the proper channels for submittal to OMB.

Thanks,

Karen

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]
From: Shouse, Kate
Sent: Fri 6/5/2015 12:53:47 AM
Subject: Re: Updated benefits language for Landfills NSPS

Interesting. I think the latest draft looks good and expect OAQPS will be happy with this version. Let me know if I can do anything (will be in office tomorrow) but assume op will discuss this with OAQPS directly.

Thx

Sent from my iPhone

On Jun 4, 2015, at 7:17 PM, Kopits, Elizabeth <Kopits.Elizabeth@epa.gov> wrote:

Ex 5

I am off tomorrow but plan to call in to the 2:30 with Joel. Will ask robin if we can have a call-in since Chris was going to try to join in from San Diego too.
But happy to talk before then too. Feel free to call anytime.

Thanks,
Elizabeth

Sent from my iPhone

On Jun 4, 2015, at 5:05 PM, "McGartland, Al" <McGartland.Al@epa.gov> wrote:

Thanks everyone. While I favor a substantive preamble discussion Alex and I both feel this minimum discussion is absolutely necessary Elizabeth we can talk tomorrow

Sent from my iPhone

On Jun 4, 2015, at 4:46 PM, Thundiyil, Karen <Thundiyil.Karen@epa.gov> wrote:

Thanks for looking at this, Elizabeth. I don't have any edits.

I'll send you the revised supplemental proposal once I have it.

Karen.

From: Kopits, Elizabeth
Sent: Thursday, June 04, 2015 4:42 PM
To: Thundiyil, Karen
Cc: Shouse, Kate; Barron, Alex; McGartland, Al
Subject: Re: Updated benefits language for Landfills NSPS

Karen T. and Kate,



Ex 5

Thanks!

Elizabeth

From: Marsh, Karen
Sent: Thursday, June 4, 2015 3:00 PM
To: Thundiyil, Karen
Cc: Ward, Hillary; Fulcher, Charles; Shouse, Kate; Kopits, Elizabeth
Subject: Updated benefits language for Landfills NSPS

Karen,

Ex 5

Thanks,

Karen

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

To: Fulcher, Charles[Fulcher.Charles@epa.gov]; Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]
From: Shouse, Kate
Sent: Thur 6/4/2015 4:39:19 PM
Subject: SCC updates in landfills

Ex 5

Any preferences or other suggestions? Thanks,
Kate

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]
From: Shouse, Kate
Sent: Tue 6/2/2015 2:44:04 PM
Subject: landfills and biogenic CO2

Ex 5

From: Sarofim, Marcus
Sent: Tuesday, April 21, 2015 2:21 PM
To: Marten, Alex; Macpherson, Alex; Shouse, Kate
Subject: RE: O&G appendix on methane flaring

Biogenic CO2 is often a complicated issue.

Ex 5

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Marten, Alex
Sent: Tuesday, April 21, 2015 2:08 PM
To: Macpherson, Alex; Shouse, Kate; Sarofim, Marcus
Subject: RE: O&G appendix on methane flaring

Ex 5

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Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Macpherson, Alex
Sent: Tuesday, April 21, 2015 1:49 PM
To: Shouse, Kate; Sarofim, Marcus; Marten, Alex
Subject: RE: O&G appendix on methane flaring

Ex 5

Alex

From: Shouse, Kate
Sent: Tuesday, April 21, 2015 1:42 PM
To: Sarofim, Marcus; Marten, Alex
Cc: Macpherson, Alex
Subject: O&G appendix on methane flaring

Ex 5

Along those lines, Alex and Marcus, please also take a look at Alex Macpherson's comment and chime in if you disagree with my response (pg 124).

Thanks!

Kate